

CLAIMS

1. A magnetic field generator for MRI comprising:

a generator main body including a pair of plate yokes opposed
5 to each other with space in between, a magnet disposed in each
of opposed surfaces of said pair of plate yokes, and a column
yoke for magnetically connecting said plate yokes; and
a member, made of a non-magnetic material, for covering the
whole generator main body.

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2. A magnetic field generator for MRI comprising:

a generator main body including a pair of plate yokes opposed
to each other with space in between, a magnet disposed in each
of the opposed surfaces of the pair of plate yokes, and a column
15 yoke for magnetically connecting the plate yokes; and

a member, made of a non-magnetic material, for covering a
top and a side of said generator main body or a side of said
generator main body or a bottom and a side of said generator
main body.

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3. The magnetic field generator according to claim 1 or 2,
said covering member is made of a mesh of stainless steel,
aluminum, copper, nylon, cotton, hemp, flax, rubber or
plastics.

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4. The magnetic field generator according to claim 1 or 2,
at least a portion of said covering member, which covers an
opening portion of said generator main body, includes a mesh
of stainless steel, aluminum, copper, nylon, cotton, hemp, flax,
30 rubber or plastics.

5. The magnetic field generator according to claim 1 or 2,

said covering member is made of a closely woven fabric of stainless steel, aluminum, copper, nylon, cotton, hemp, flax, rubber or plastics.

5 6. The magnetic field generator according to claim 5, at least a portion of said covering member, which covers an opening portion of said generator main body, includes a mesh of stainless steel, aluminum, copper, nylon, cotton, hemp, flax, rubber or plastics.

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7. The magnetic field generator according to claim 1 or 2, at least a portion of said covering member, which covers an opening portion of said generator main body, includes a mesh of stainless steel, aluminum, copper, nylon, cotton, hemp, flax, 15 rubber or plastics, and other portion of said covering member is made of a closely woven fabric of stainless steel, aluminum, copper, nylon, cotton, hemp, flax, rubber or plastics.

8. The magnetic field generator according to any one of 20 claims 1 to 7, further comprising a member for fastening said covering member to said generator main body.

9. The magnetic field generator according to claim 8, said fastening member includes a string or a rope made of stainless 25 steel, aluminum, copper, nylon, cotton, hemp, flax, rubber or plastics.

10. The magnetic field generator according to claim 8 or 9, said fastening member is provided on one side of said pair 30 of plate yokes.

11. The magnetic field generator according to claim 8 or

9, said fastening member is provided so as to pass around said covering member.

12. The magnetic field generator according to any one of
5 claims 8 to 11, said fastening member is removable after said magnetic field generator is transported to a destination thereof.

13. The magnetic field generator according to claim 1 or
10 2, said covering member is removable after said magnetic field generator is transported to a destination thereof.

14. A method of covering a magnetic field generator for MRI,
having a generator main body including a pair of plate yokes
15 opposed to each other with space in between, a magnet disposed in each of opposed surfaces of said pair of plate yokes, and a column yoke for magnetically connecting said plate yokes, comprising steps of:

covering the whole generator main body by means of a member
20 made of a non-magnetic material; and
fastening said member to said generator main body.

15. A method of covering a magnetic field generator for MRI,
having a generator main body including a pair of plate yokes
25 opposed to each other with space in between, a magnet disposed in each of opposed surfaces of said pair of plate yokes, and a column yoke for magnetically connecting said plate yokes, comprising steps of:

covering a top and a side of said generator main body or
30 a side of said generator main body or a bottom and a side of said generator main body by means of a member made of a non-magnetic material; and

fastening said member to said generator main body.

16. The method according to claim 14 or 15, at least a portion of said member, which covers an opening portion of said generator main body, includes a mesh of stainless steel, aluminum, copper, nylon, cotton, hemp, flax, rubber or plastics.

17. The method according to claim 14 or 15, said member is made of a closely woven fabric of stainless steel, aluminum, copper, nylon, cotton, hemp, flax, rubber or plastics.

18. The method according to claim 14 or 15, at least a portion of said member, which covers an opening portion of said generator main body, includes a mesh of stainless steel, aluminum, copper, nylon, cotton, hemp, flax, rubber or plastics, and other portion of said covering member is made of a closely woven fabric of stainless steel, aluminum, copper, nylon, cotton, hemp, flax, rubber or plastics.

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19. The method according to any one of claims 14 to 18, said fastening step includes a step of fastening said member to said generator main body using a string or a rope made of stainless steel, aluminum, copper, nylon, cotton, hemp, flax, rubber or plastics.

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20. The method according to claim 19, said member for covering said generator main body and said string or rope are removable after said magnetic field generator is transported to a destination thereof.

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